


Montana's New  
 Statewide Longitudinal  
 Data System  
 (SLDS)




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### Agenda

- Overview
- Demonstrations
- Secure Data Access
- Technology
- Future Plans
- Questions




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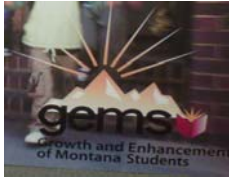
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### Overview

**G**rowth and  
**E**nhancement of  
**M**ontana  
**S**tudents



A "Data Warehouse"  
 project...  
 A "Statewide Longitudinal  
 Data System"...



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## Origin and Rationale



... to help States, districts, schools, and teachers make data-driven decisions to improve student learning, as well as facilitate research to increase student achievement and close achievement gaps.




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## Data Warehousing in Education

### WHAT IS A STATEWIDE LONGITUDINAL DATA SYSTEM?

A statewide longitudinal data system (SLDS) is a data system capable of tracking student information over multiple years in multiple schools. Montana's SLDS will integrate existing, transformed data extracted from multiple source systems such as AIM, MAEFAIRS, and Assessment, to name a few.




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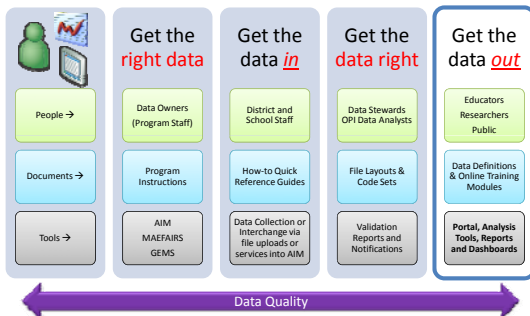
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## The Data Warehouse and Business Intelligence Process




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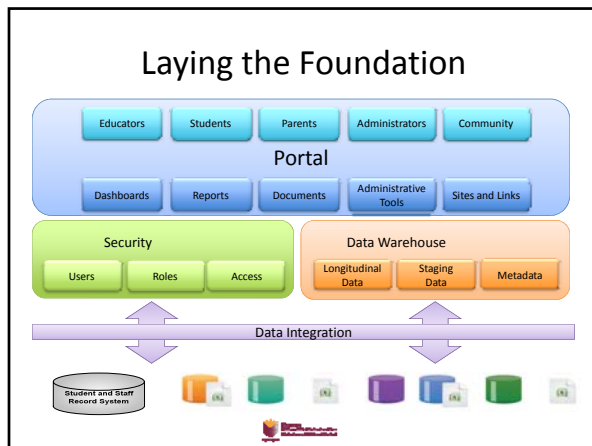
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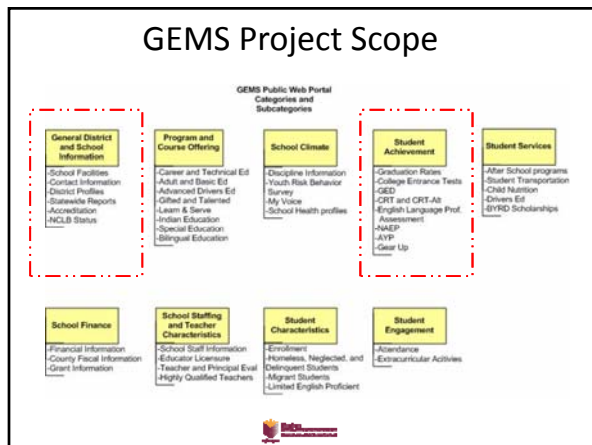
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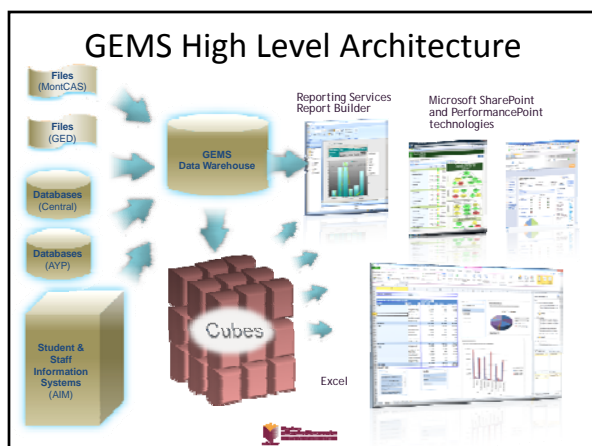
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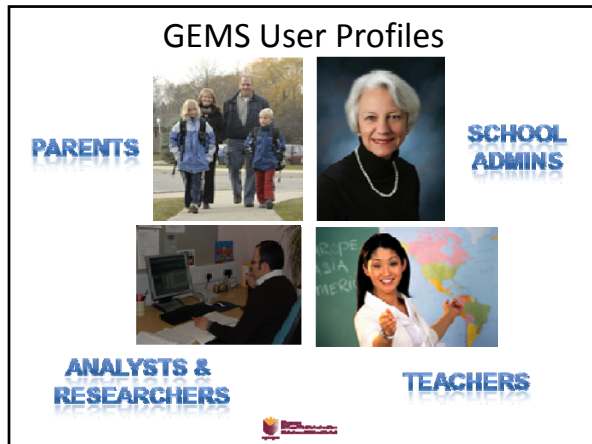
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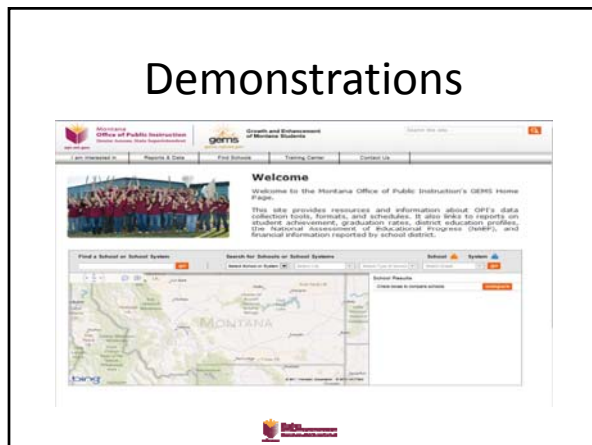
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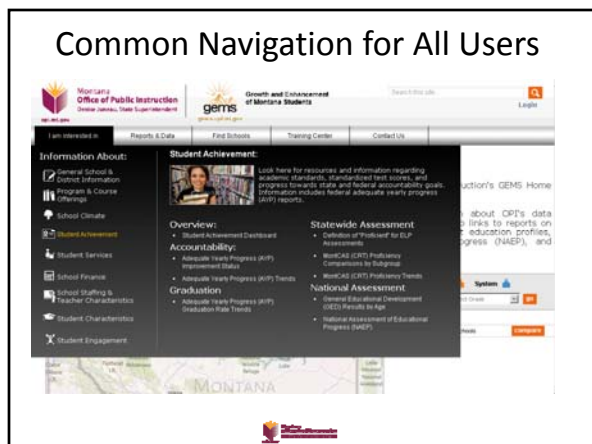
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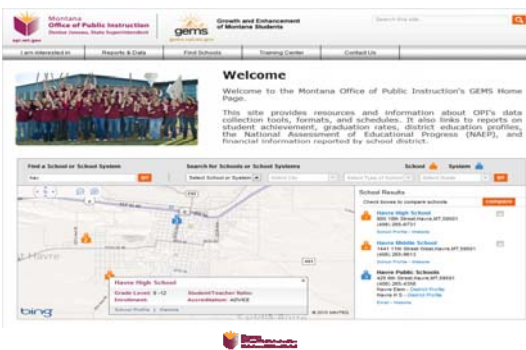
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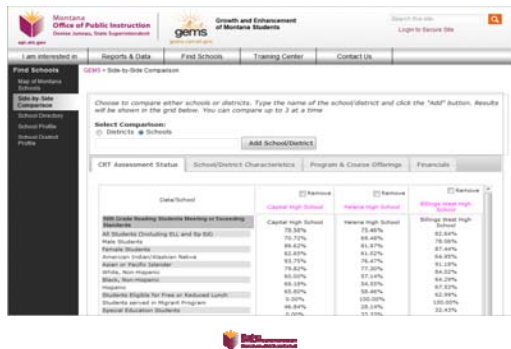
## Tools for Casual Users

Map and comparison tool for parents, concerned citizens, and people considering moving into a district



## Tools for Casual Users, continued

Map and comparison tool for parents, concerned citizens, and people considering moving into a district



## District and School Profiles



The Pathways to Excellence Program is part of Senate Bill 329 which was passed by the 2011 Legislature.

Section 4.2 of Senate Bill 329 states that:

**OPI** must develop a publicly available data system that displays an *educational data profile* for each school district. At a minimum, include:

- Contact information and link to district website
- State criterion-referenced testing results
- Program and course offerings
- Student enrollment and demographics by grade level
- Graduation rates




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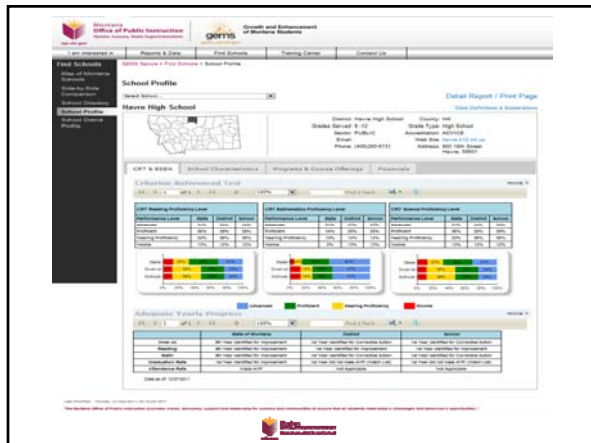
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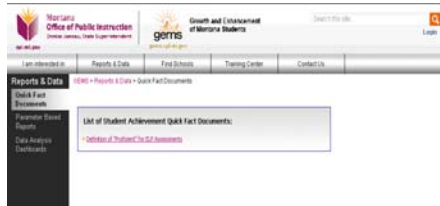
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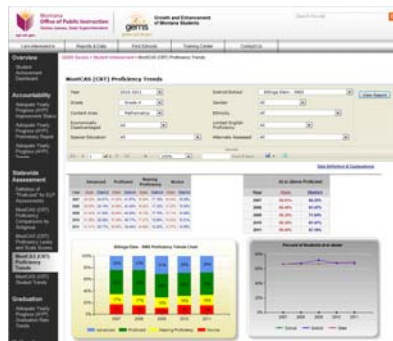
## Quick Facts

- Static Documents
- Static Reports



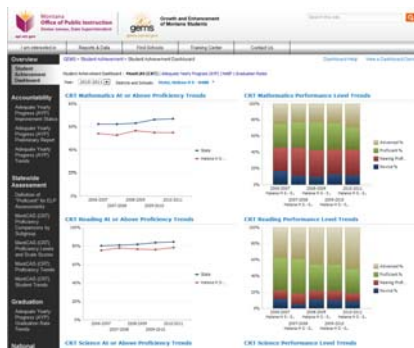
## Parameter Based Reporting

Parameter Based Reports for district admins, curriculum designers, OPI analysts, researchers, legislators



## Dashboards

Dashboards for higher level views on Student Achievement allowing for open path drill downs into specific areas of interest for users on certain dashboards



## Training Center

- eLearning Modules
- Data Definitions & Explanations




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## Secure Data Access

- Student Level Data
- Unmasked Data
- User Activation
- Team Sites




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## Technology




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## Future Plans

- School District Sandbox Sites
- Enable more Self-Service
- Add more data marts
- Add more data displays
- Collect feedback from the community



Thank You!

**QUESTIONS?**

**CONTACT:**

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